



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Satoshi Seo et al.  
Serial No. : 10/072,507  
Filed : February 5, 2002  
Title : LIGHT EMITTING DEVICE

Art Unit : 2822  
Examiner : Keisha Rose

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Supplemental to the Information Disclosure Statement (IDS) filed August 2, 2004, Applicants submit the attached corrected form PTO-1449. The corrected form PTO-1449 is being submitted to correct a typographical error in the document number and country for reference Desig. ID "CF". The attached form PTO-1449 includes the correct document number and country. Applicant also re-submits a courtesy copy of the reference in question for the Examiner's convenience.

No fee is believed to be due in connection with this paper. In the event that any fees are due, please apply any charges or credits to deposit account 06-1050.

Respectfully submitted,

Date: February 23, 2005

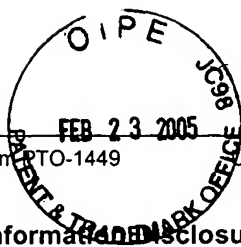
William G. Hughes, Jr.  
William G. Hughes, Jr.  
Reg. No. 46,112

**Customer No. 26171**  
Fish & Richardson P.C.  
1425 K Street, N.W. - 11th Floor  
Washington, DC 20005-3500  
Telephone: (202) 783-5070  
Facsimile: (202) 783-2331  
WXH/adt  
40268247.doc

|   |  |  |                                      |
|---|--|--|--------------------------------------|
| Substitute Form PTO-1449<br>(Modified)<br><br><b>Information Disclosure Statement<br/>         by Applicant</b><br>(Use several sheets if necessary)<br><br>(37 CFR §1.98(b)) | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br><b>07977-300001</b> | Application No.<br><b>10/072,507</b> |
|   | Applicant<br><b>Seo, et al.</b>                            |  |                                      |
|   | Filing Date<br><b>February 5, 2002</b>                     | Group Art Unit<br><b>2822</b>                |                                      |

| U.S. Patent Documents |           |                 |                  |                 |       |          |                            |
|-----------------------|-----------|-----------------|------------------|-----------------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee        | Class | Subclass | Filing Date If Appropriate |
|                       | AA        | 2001-0051207    | 12/2001          | Yamagata et al. |       |          |                            |
|                       | AB        | 2002-0018912    | 02/2002          | Jung et al.     |       |          |                            |
|                       | AC        | 2002-0038867    | 04/2002          | Kobori et al.   |       |          |                            |
|                       | AD        | 2002-0074935    | 06/2002          | Kwong et al.    |       |          |                            |
|                       | AE        | 2002-0081767    | 06/2002          | Kawashima       |       |          |                            |
|                       | AF        | 2002-0086180    | 07/04/2002       | Seo et al.      |       |          |                            |
|                       | AG        | 2002-0093283    | 07/18/2002       | Seo et al.      |       |          |                            |
|                       | AH        | 2002-0101154    | 08/2002          | Seo et al.      |       |          |                            |
|                       | AI        | 2002-0105005    | 08/2002          | Seo et al.      |       |          |                            |
|                       | AJ        | 2002-0109136    | 08/15/2002       | Seo et al.      |       |          |                            |
|                       | AK        | 2002-0113546    | 08/2002          | Seo et al.      |       |          |                            |
|                       | AL        | 2002-0121860    | 09/2002          | Seo et al.      |       |          |                            |
|                       | AM        | 2002-0139303    | 10/2002          | Yamazaki et al. |       |          |                            |
|                       | AN        | 2002-0155632    | 10/2002          | Yamazaki et al. |       |          |                            |
|                       | AO        | 2003-0010288    | 01/2003          | Yamazaki et al. |       |          |                            |
|                       | AP        | 2003-0118950    | 06/2003          | Chao et al.     |       |          |                            |
|                       | AQ        | 2003-0134145    | 07/2003          | Toguchi et al.  |       |          |                            |
|                       | AR        | 3,654,525       | 04/1972          | Maricle et al.  |       |          |                            |
|                       | AS        | 5,017,863       | 05/1991          | Mellitz         |       |          |                            |
|                       | AT        | 5,039,657       | 08/1991          | Goldman, et al. |       |          |                            |
|                       | AU        | 5,170,990       | 12/1992          | Kamiya et al.   |       |          |                            |
|                       | AV        | 5,256,945       | 10/1993          | Imai et al.     |       |          |                            |
|                       | AW        | 5,281,489       | 01/25/94         | Mori et al.     |       |          |                            |
|                       | AX        | 5,486,406       | 01/1996          | Song Shi        |       |          |                            |
|                       | AY        | 5,513,499       | 05/1996          | DeRijkke        |       |          |                            |
|                       | AZ        | 5,817,431       | 10/1998          | Shi et al.      |       |          |                            |
|                       | BA        | 5,858,563       | 01/1999          | Sano et al.     |       |          |                            |

|  |                 |
|--|-----------------|
| Examiner Signature   | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |



|  |  |                                       |                               |
|--|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449<br>(Modified)<br><br><b>Information Disclosure Statement</b><br><b>by Applicant</b><br>(Use several sheets if necessary)<br><br>(37 CFR §1.98(b)) | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>07977-300001 | Application No.<br>10/072,507 |
|  | Applicant<br>Seo, et al.                                   |                                       |                               |
|  | Filing Date<br>February 5, 2002                            | Group Art Unit<br>2822                |                               |

| U.S. Patent Documents |           |                 |                  |                  |       |          |                            |
|-----------------------|-----------|-----------------|------------------|------------------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee         | Class | Subclass | Filing Date If Appropriate |
|                       | BB        | 5,925,472       | 07/1999          | Hu et al.        |       |          |                            |
|                       | BC        | 5,955,836       | 09/1999          | Boerner et al.   |       |          |                            |
|                       | BD        | 5,989,737       | 11/1999          | Xie et al.       |       |          |                            |
|                       | BE        | 6,030,715       | 02/2000          | Thompson et al.  |       |          |                            |
|                       | BF        | 6,097,147       | 08/2000          | Baldo et al.     |       |          |                            |
|                       | BG        | 6,121,727       | 09/2000          | Kanai et al.     |       |          |                            |
|                       | BH        | 6,132,280       | 10/2000          | Tanaba et al.    |       |          |                            |
|                       | BI        | 6,215,462       | 04/2001          | Yamada et al.    |       |          |                            |
|                       | BJ        | 6,228,228       | 05/2001          | Singh et al.     |       |          |                            |
|                       | BK        | 6,237,529       | 05/2001          | Spahn            |       |          |                            |
|                       | BL        | 6,275,649       | 08/2001          | Nagashima et al. |       |          |                            |
|                       | BM        | 6,284,050       | 09/2001          | Shi et al.       |       |          |                            |
|                       | BN        | 6,310,360       | 10/2001          | Forrest et al.   |       |          |                            |
|                       | BO        | 6,326,091       | 12/2001          | Schoo et al.     |       |          |                            |
|                       | BP        | 6,368,730       | 04/2002          | Kishimoto et al. |       |          |                            |
|                       | BQ        | 6,372,154       | 04/2002          | Li               |       |          |                            |
|                       | BR        | 6,392,250       | 05/2002          | Aziz et al.      |       |          |                            |
|                       | BS        | 6,392,339       | 05/2002          | Aziz et al.      |       |          |                            |
|                       | BT        | 6,396,209       | 05/2000          | Kido et al.      |       |          |                            |
|                       | BU        | 6,413,656       | 07/2002          | Thompson et al.  |       |          |                            |
|                       | BV        | 6,432,255       | 08/2002          | Sun et al.       |       |          |                            |
|                       | BW        | 6,458,475       | 10/2002          | Adachi et al.    |       |          |                            |
|                       | BX        | 6,468,676       | 10/2002          | Ueda et al.      |       |          |                            |
|                       | BY        | 6,495,198       | 12/2002          | Peng             |       |          |                            |
|                       | BZ        | 6,517,996       | 02/2003          | Chao et al.      |       |          |                            |
|                       | CA        | 6,528,824       | 03/2003          | Yamagata et al.  |       |          |                            |
|                       | CB        | 6,541,909       | 04/2003          | Motomatsu        |       |          |                            |

|  |                 |
|--|-----------------|
| Examiner Signature   | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |

|   |  |  |                                       |                               |
|---|--|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449<br>(Modified)<br><b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br>(37 CFR § 1.98(b)) | U.S. Department of Commerce<br>Patent and Trademark Office |  | Attorney's Docket No.<br>07977-300001 | Application No.<br>10/072,507 |
|   | Applicant<br>Seo, et al.                                   |  |                                       |                               |
|   | Filing Date<br>February 5, 2002                            |  | Group Art Unit<br>2822                |                               |

**U.S. Patent Documents**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee      | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|-----------------|------------------|---------------|-------|----------|----------------------------|
|                  | CC        | 6,566,807       | 05/2003          | Fujita et al. |       |          |                            |
|                  | CD        | 6,603,140       | 08/2003          | Kobori et al. |       |          |                            |
|                  | CE        | 6,614,175       | 09/2003          | Aziz et al.   |       |          |                            |

**Foreign Patent Documents or Published Foreign Patent Applications**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Sub-class | Translation |    |
|------------------|-----------|-----------------|------------------|--------------------------|-------|-----------|-------------|----|
|                  |           |                 |                  |                          |       |           | Yes         | No |
|                  | CF        | TW - 366598     | 08/1999          | TAIWAN                   |       |           | FULL        |    |
|                  | CG        | EP 1 011 155 A2 | 06/2000          | EUROPE                   |       |           | English     |    |
|                  | CA        | EP 1 220 340    | 07/2002          | EUROPE                   |       |           | English     |    |
|                  | CB        | JP 2000-208262  | 07/2000          | JAPAN                    |       |           | Full        |    |
|                  | CC        | JP04-357694     | 10/1992          | JAPAN                    |       |           | Abstract    |    |
|                  | CD        | TW 243470       | 03/1995          | TAIWAN                   |       |           | Abstract    |    |
|                  | CE        | TW 451601       | 08/2001          | TAIWAN                   |       |           | Abstract    |    |
|                  | CF        | WO 02/47457     | 06/2002          | WIPO                     |       |           | English     |    |

**Other Documents (include Author, Title, Date, and Place of Publication)**

| Examiner Initial | Desig. ID | Document   |
|------------------|-----------|--|
|                  | CH        | Invitation to Respond to Written Opinion w/International Search Report, 6 pages, 10 June 2004. |
|                  | CI        |  |
|                  | CJ        |  |
|                  | CK        |  |

|  |                 |
|--|-----------------|
| Examiner Signature   | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |